How to Hang Your Ceiling Fan

⚠ WARNING

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. All wiring must be in accordance with National and Local codes and the ceiling fan must be properly grounded as a precaution against possible electrical shock.

CAUTION: To reduce the risk of electrical shock, disconnect the electrical supply circuit before installing the fan, light kit or receiver.

⚠ WARNING

The fan must be hung with at least 7' of clearance from floor to blades (Figure 13).

⚠ WARNING

The outlet box and joist must be securely mounted and capable of supporting at least 50 lbs. Use only a U.L. outlet box listed as "Acceptable for Fan Support of 15.9kg. (35 lbs.) or less".

⚠ WARNING

To reduce the risk of fire, electric shock, or personal injury, mount fan to outlet box marked "Acceptable for Fan Support of 15.9kg. (35 lbs.) or less", and use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

1. Securely attach the hanger bracket to the outlet box using the two screws supplied with the outlet box. (Figure 14.)

⚠ WARNING

Hanger bracket must seat firmly against outlet box. If the outlet box is recessed, remove wall board until bracket contacts box. If bracket and/or outlet box are not securely attached, the fan could wobble or fall.

2. Carefully lift the fan and seat the hanger ball/downrod assembly on the hanger bracket that was just attached to the outlet box (Figure 15). Be sure the groove in the ball is lined up with tab on the hanger bracket (Figure 14).

⚠ WARNING

Failure to seat tab in groove could cause damage to electrical wires and possible shock or fire hazard.

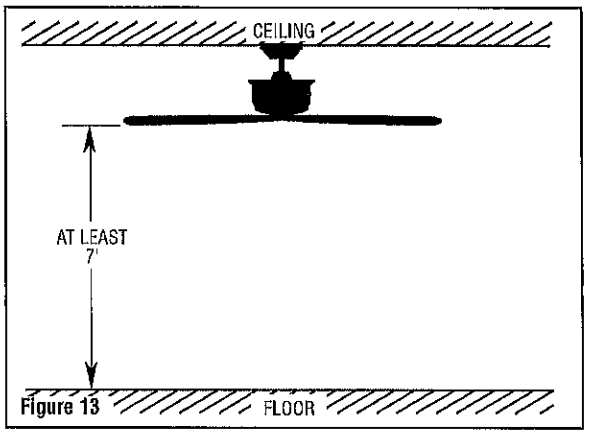


Figure 13

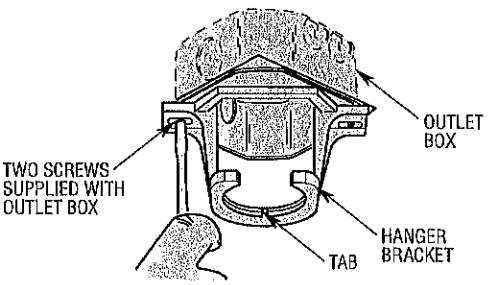


Figure 14

NOTE: CEILING COVER, SUPPLY WIRES AND FAN WIRES OMITTED FOR CLARITY.

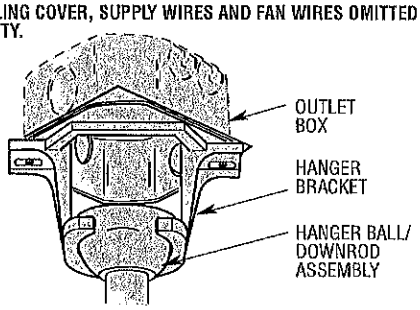


Figure 15

⚠ WARNING

To avoid possible fire or shock, do not pinch wires between the hanger ball/downrod assembly and hanger bracket.

How to Wire Your Ceiling Fan

If you feel that you do not have enough electrical wiring knowledge or experience, have your fan installed by a licensed electrician.

1. Connect the green grounding lead from the hanger ball and the green grounding lead from the hanger bracket to the grounding conductor of supply (this may be a bare wire or wire with green colored insulation). Securely connect wires with wire connectors supplied. (Figure 16.)

⚠ WARNING

To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring.

NOTE: If you are not sure if the outlet box is grounded, contact a licensed electrician for advice, as it must be grounded for safe operation.

⚠ WARNING

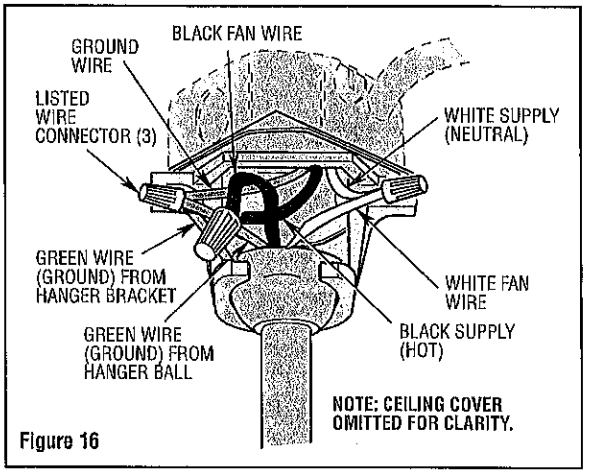
This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product by Emerson Electric Co. Substitution of parts or accessories not designated for use with this product by Emerson Electric Co. could result in personal injury or property damage.

2. Securely connect the fan motor white wire to the supply white (neutral) wire using wire connector supplied (Figure 16). Securely connect the fan motor black wire and blue wire to the supply black (hot) wire using wire connector supplied (Figure 16). After connections have been made, turn leads upward and carefully push leads into the outlet box, with the white and green leads on one side of the outlet box and the black lead on the other side of the outlet box.

⚠ WARNING

Check to see that all connections are tight, including ground, and that no bare wire is visible at the wire connectors, except for the ground wire. Do not operate fan until blades are in place. Noise and fan damage could result.

3. Screw the two threaded studs (supplied) into the tapped holes in the hanger bracket.
4. Lift the ceiling cover up to the threaded studs and turn until studs protrude through the holes in the ceiling cover (Figure 17).


BLACK FAN WIRE
GROUND WIRE
LISTED WIRE CONNECTOR (3)
WHITE SUPPLY (NEUTRAL)
GREEN WIRE (GROUND) FROM HANGER BRACKET
WHITE FAN WIRE
GREEN WIRE (GROUND) FROM HANGER BALL
BLACK SUPPLY (HOT)
NOTE: CEILING COVER OMITTED FOR CLARITY.
Figure 16

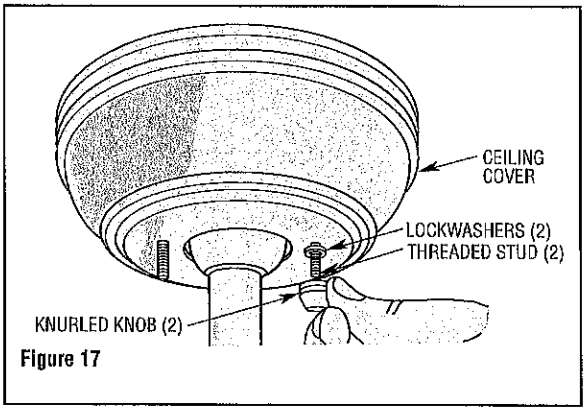


Figure 17

5. Secure the ceiling cover in place by sliding lockwashers over the threaded studs and installing the two knurled knobs (supplied). (Figure 17.) Tighten the knurled knobs securely until the ceiling cover fits snugly against the ceiling and the hole in the ceiling cover is clear of the downrod. Your fan is now wired to be turned on and off from the fan switch.

⚠ WARNING

To avoid possible fire or shock, make sure that the electrical wires are completely inside the outlet box and not pinched between the ceiling cover and the ceiling.

Wall Control Installation

⚠ WARNING

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. All wiring must be in accordance with National and Local codes and the ceiling fan must be properly grounded as a precaution against possible electrical shock.

CAUTION: To reduce the risk of electrical shock, disconnect the electrical supply circuit before installing the fan, light kit or receiver.

This control is designed to operate only one ceiling fan, (Figure 18). This SW46 speed control is rated for 1.2 amps at 120 volts..

1. Before disconnecting power, ensure that the fan is set at the highest speed.

NOTE: Electric connections should be in accordance with the National Electrical Codes and all Local Codes. Before starting, disconnect power to the circuit at the fuse box or circuit breaker panel.

2. Remove the faceplate and screws from the existing wall switch. Pull switch out from wall outlet box.
3. Disconnect wire from existing fan wall switch (Figure 19).
4. Slide the SW46 speed control in the OFF position (0).
5. Connect one BLACK wire from the SW46 speed control to the fan/motor lead with a wire connector (provided). (Figure 20.)
6. Connect the other BLACK wire from the SW46 speed control to the 120VAC hot wire with a wire connector (provided).

NOTE: Use wire connectors (supplied) to secure electrical connections.

7. Attach the SW46 speed control to the wall outlet box with two 6-32 x 3/4" screws (provided).

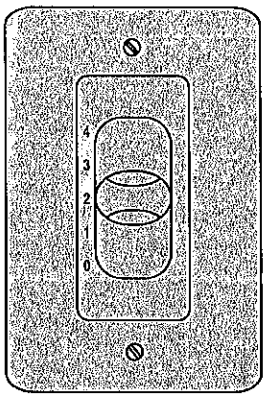


Figure 18

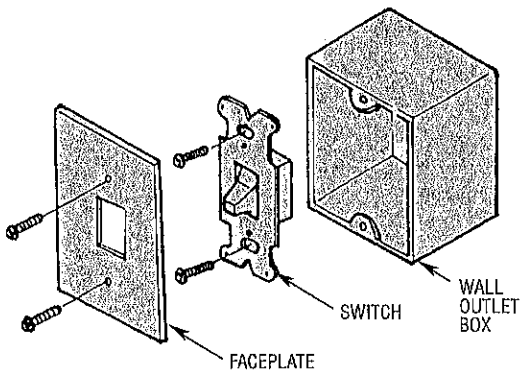


Figure 19

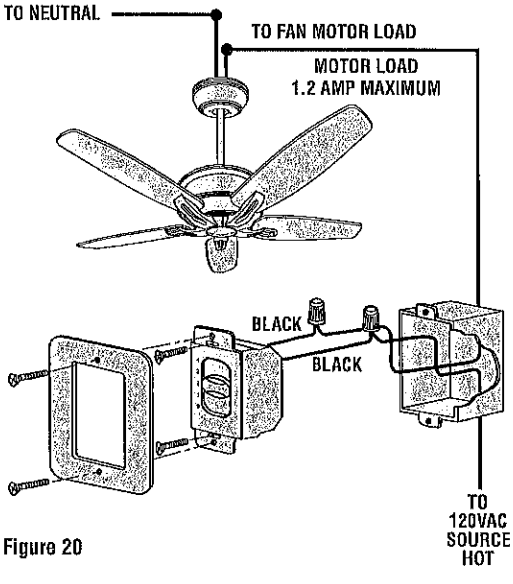


Figure 20

8. Position the faceplate (provided) onto the SW46 speed control. Using the two 6-32 x 1/4" screws, screw the faceplate and speed control to the wall outlet box (Figure 21).

9. Restore power at the main fuse box or circuit breaker panel.

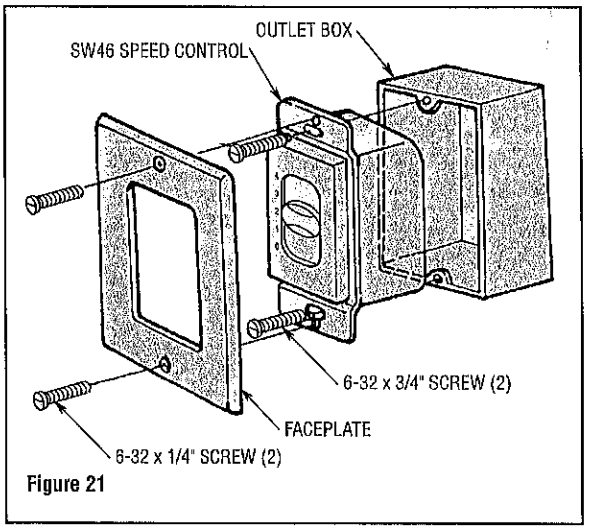


Figure 21

CAUTION

For fans equipped with built-in variable speed devices: These devices must be set at their MAXIMUM SPEED for proper operation. Adjustments to their setting must only be made with Quietslide in the OFF position. Changing or sliding these settings while the fan control is in operation could damage the control.

Set the fan on its HIGH speed pull chain setting. Then use your speed control to select any of the 4-speeds, plus OFF.

NOTE: The "0" position is OFF. The four fan speeds are selected by sliding the bar to the other four speed positions ("1", "2", "3" and "4").

IMPORTANT

Always have the fan switch set to HIGH speed before using the wall control. To avoid accidental pull chain use, shorten chain by cutting it 1" below switch body.

The SW46 speed control turns all Emerson Ceiling Fans into four-speed fans.

Using Your Ceiling Fan

1. Restore electrical power to the outlet box by turning the electricity on at the main fuse box.

2. All fans are shipped from the factory with the reversing switch positioned to the "left" circulate air downward. If airflow is desired in opposite direction, turn your fan OFF and wait for the blades to stop turning, then slide the reversing switch to the "right" position, and turn fan on again (Figure 22).

4. The fan blades will turn in the opposite direction and reverse the airflow.

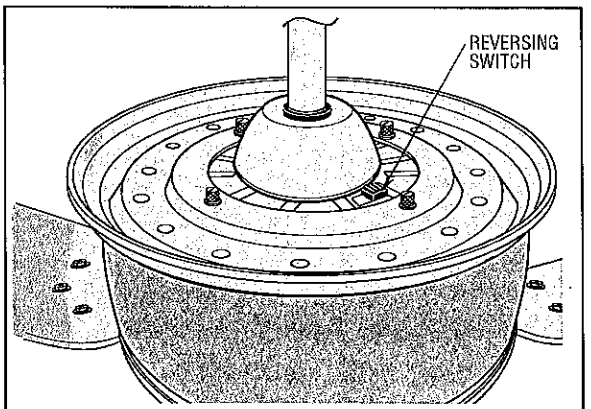


Figure 22

Reverse Switch Information

Season	Rotation Direction	Switch Position
Summer	Counter-Clockwise	Left
Winter	Clockwise	Right